

RECLAMATION

Managing Water in the West

MT DROUGHT ADVISORY COMMITTEE MEETING

RESERVOIR AND RIVER OPERATIONS

June 21, 2012



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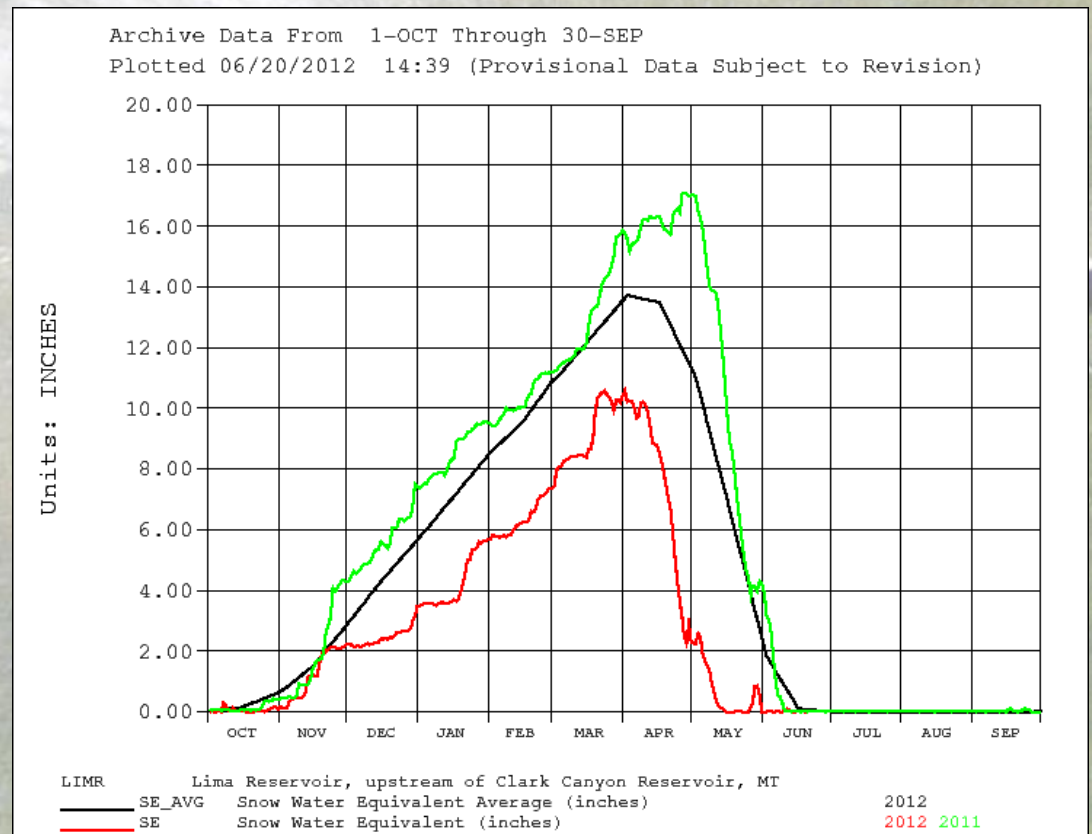


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Lima Reservoir

Snowpack melted out



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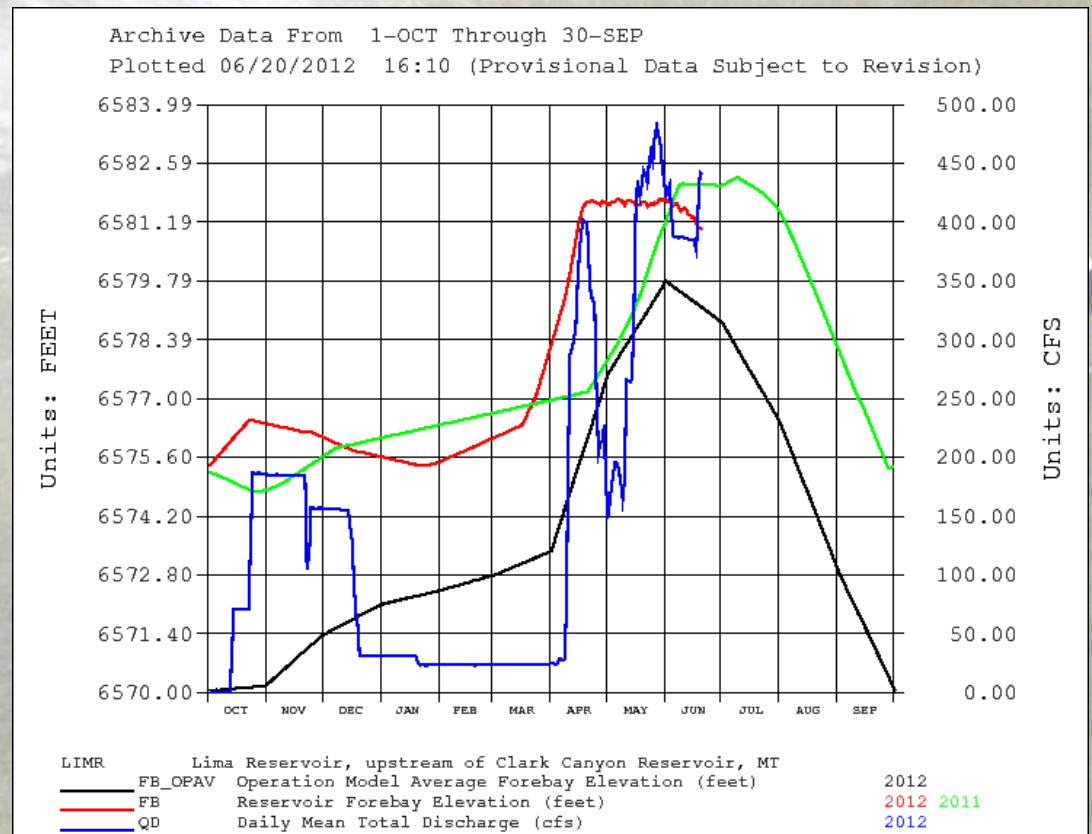
Lima Reservoir

Inflows to Lima are near average

Storage @ 115% of average & 87% full

Releases are being maintained at 440 cfs

Water supply outlook looks favorable for water users to receive a full water supply In 2012



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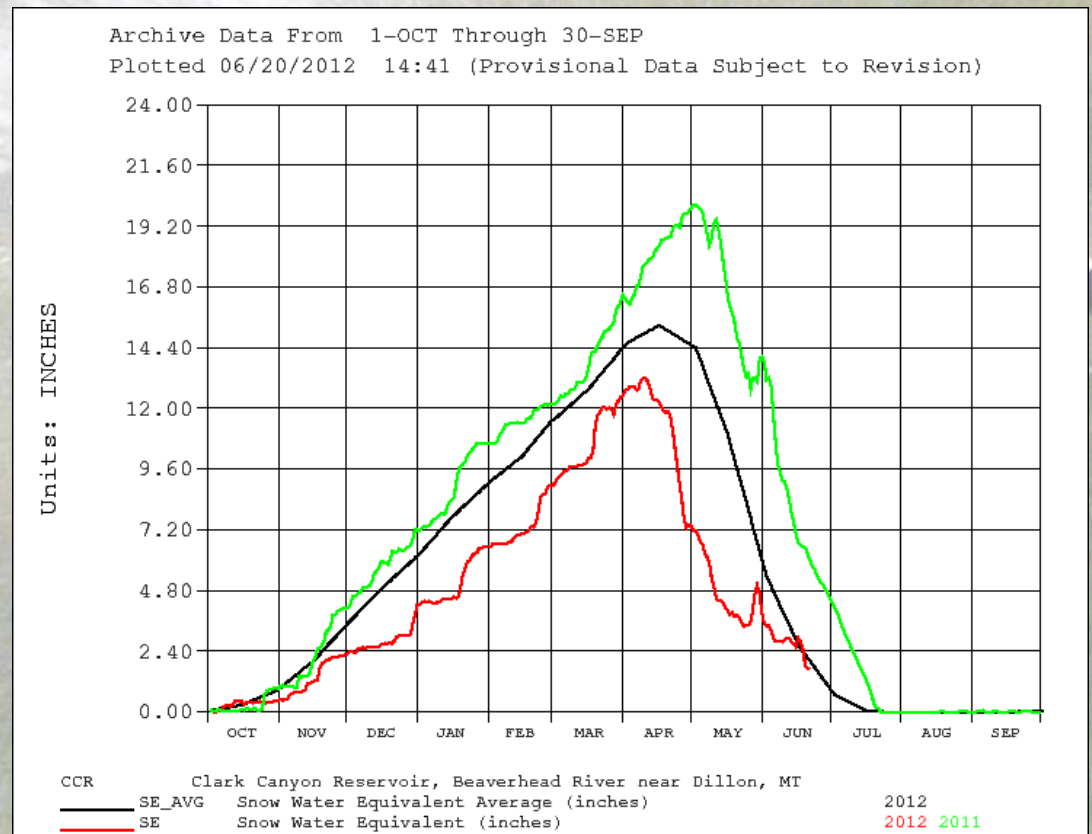
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Clark Canyon Reservoir

Snowpack essentially melted out



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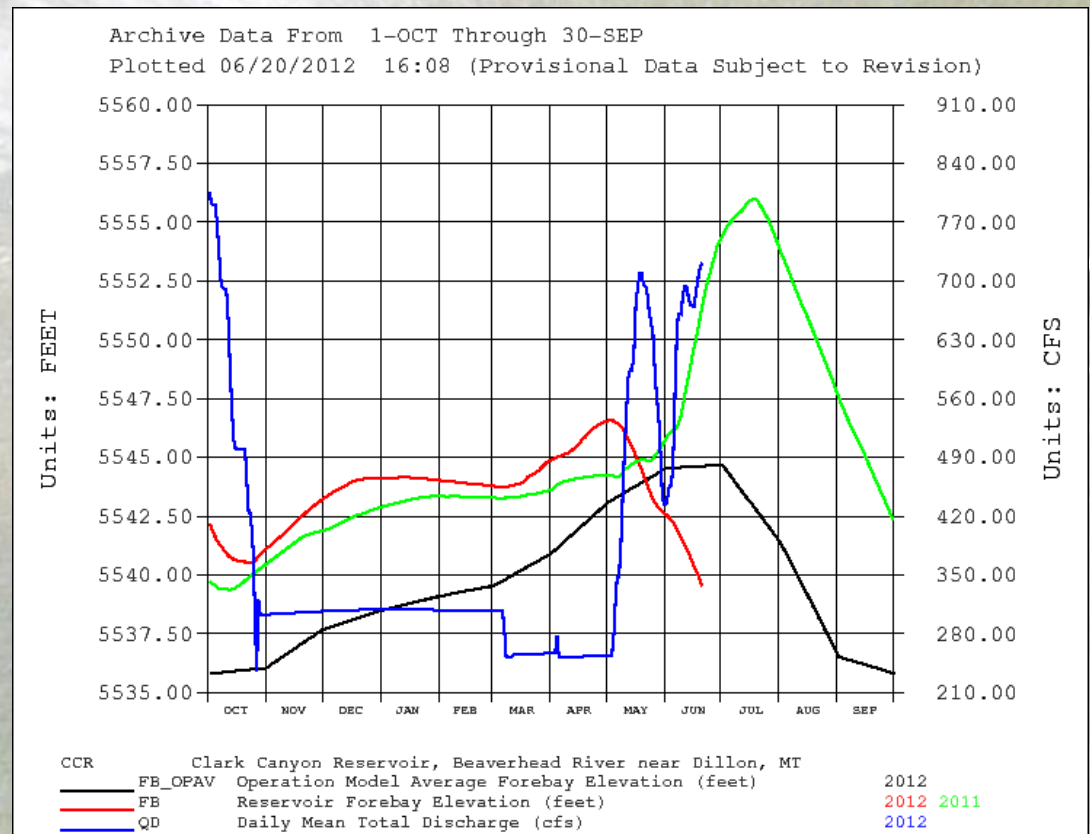
Clark Canyon Reservoir

Inflows to Clark Canyon are 35% of average

Storage @ 85% of average, 81% full, & 11.4 ft or 58,200 af higher than last year

Releases are being maintained at 720 cfs to meet irrigation demands, causing the reservoir to slowly decrease

Water supply outlook is favorable for EBID & CCWSC to receive full water supply in 2012



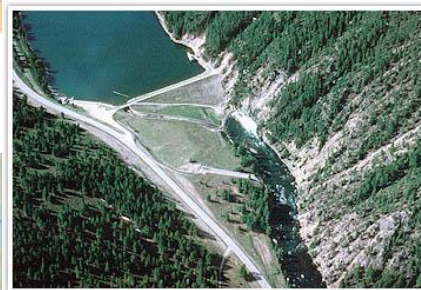
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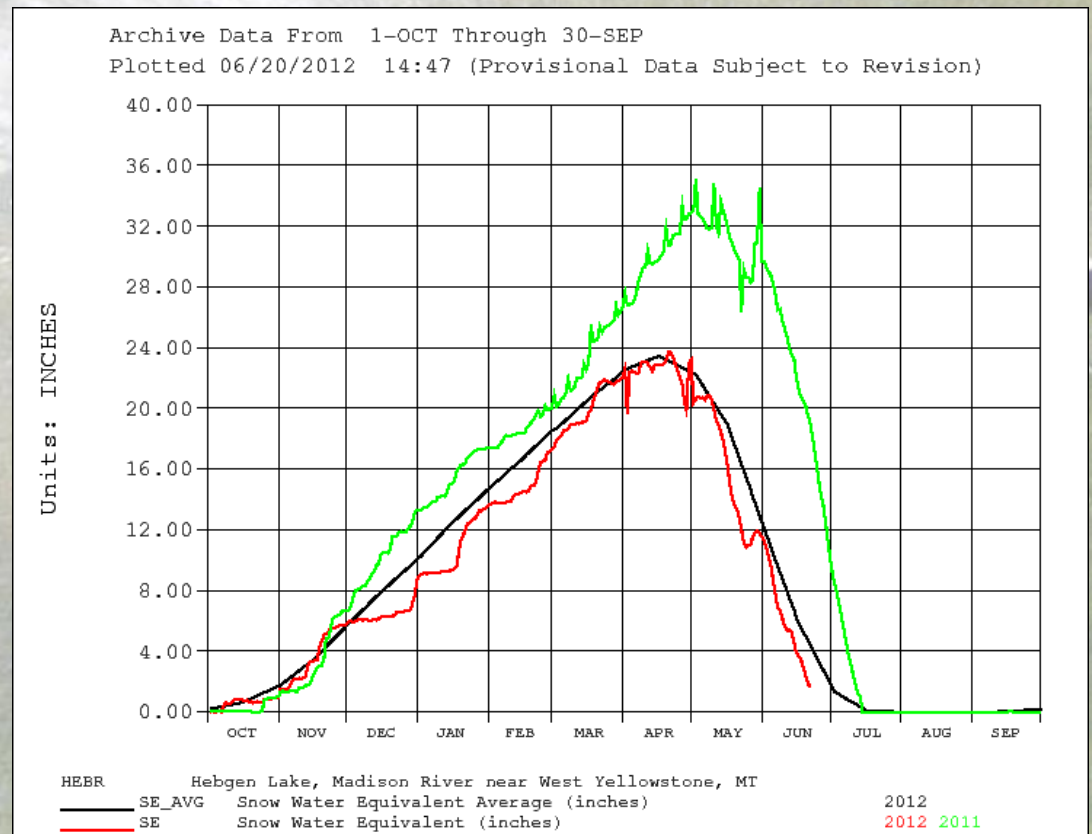


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Hebgen Reservoir (PPL-MT)

Snowpack essentially melted out



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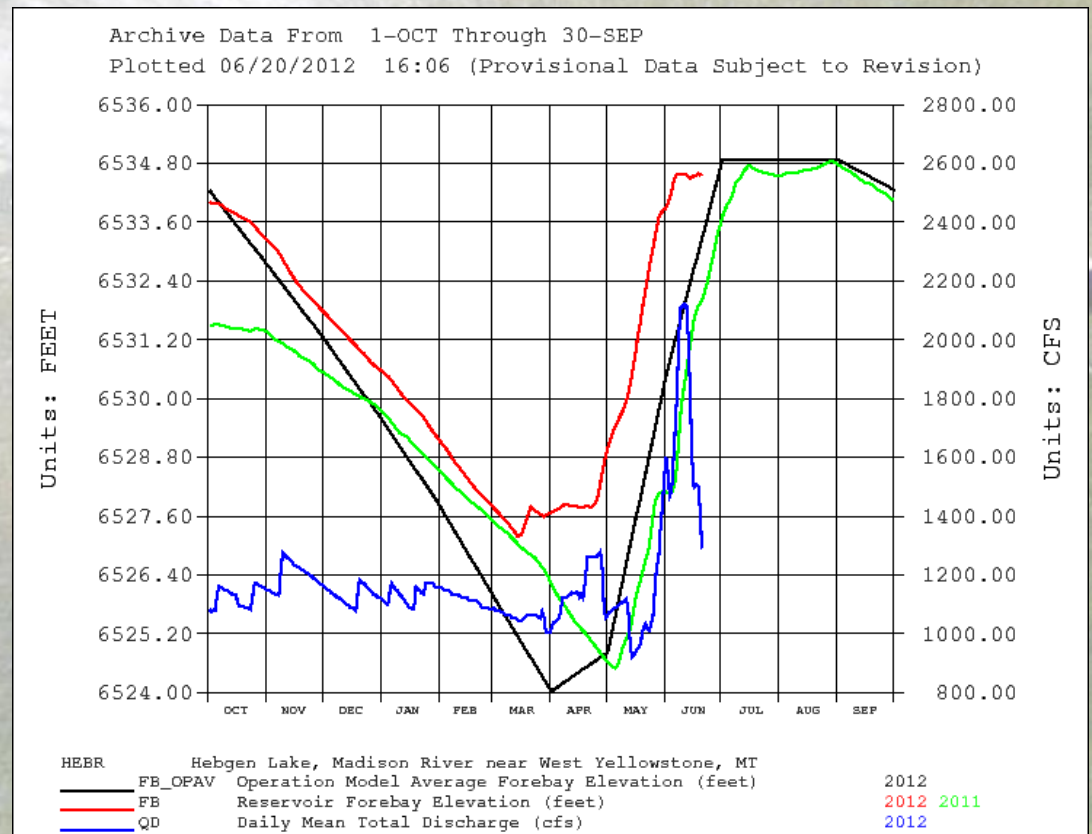
Hebgen Reservoir (PPL-MT)

Currently releasing 1,250 cfs to Madison River

Storage @ 105% of average, 99% full, & 2.7 ft or 33,900 af higher than last year

Reservoir is currently @ elevation at 6534.60 & is expected to remain fairly stable

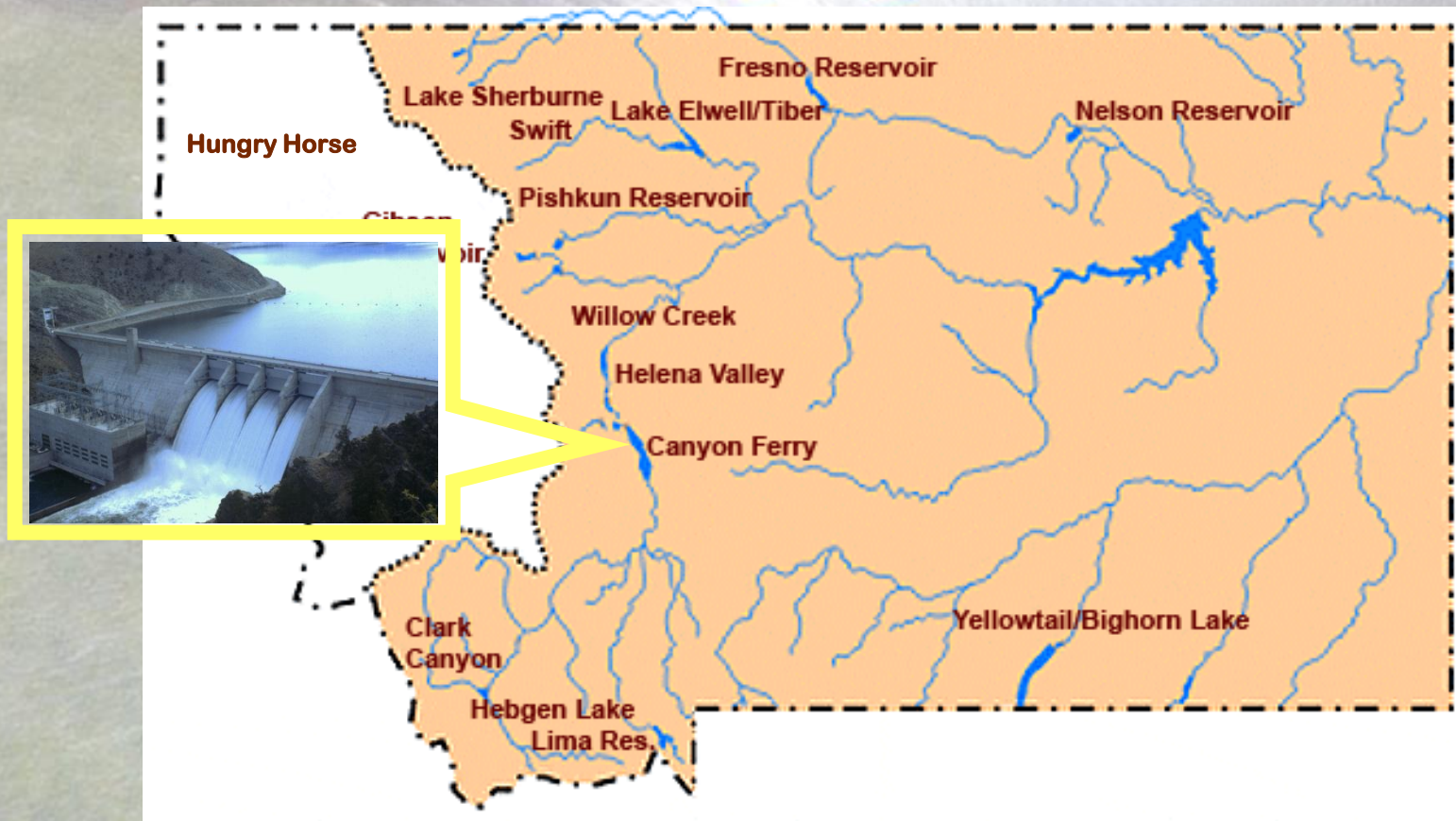
Water supply outlook is good & reservoir is expected to fill



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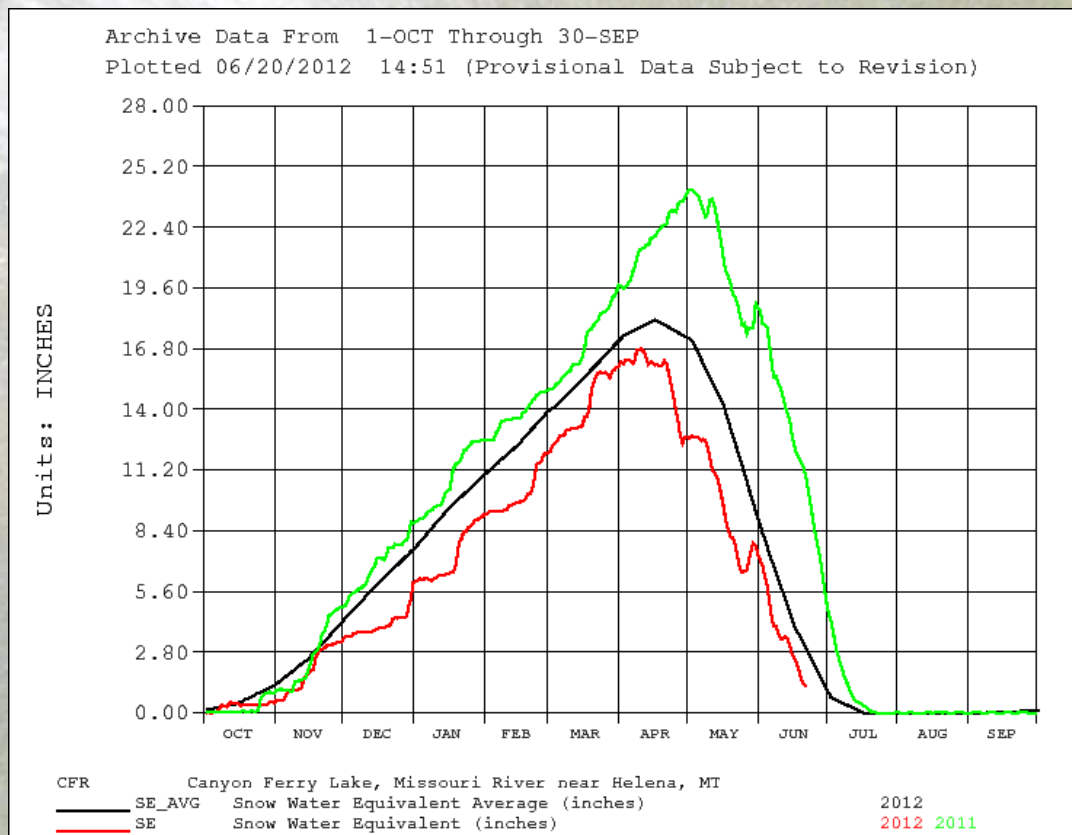
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Canyon Ferry Reservoir

Snowpack essentially melted out



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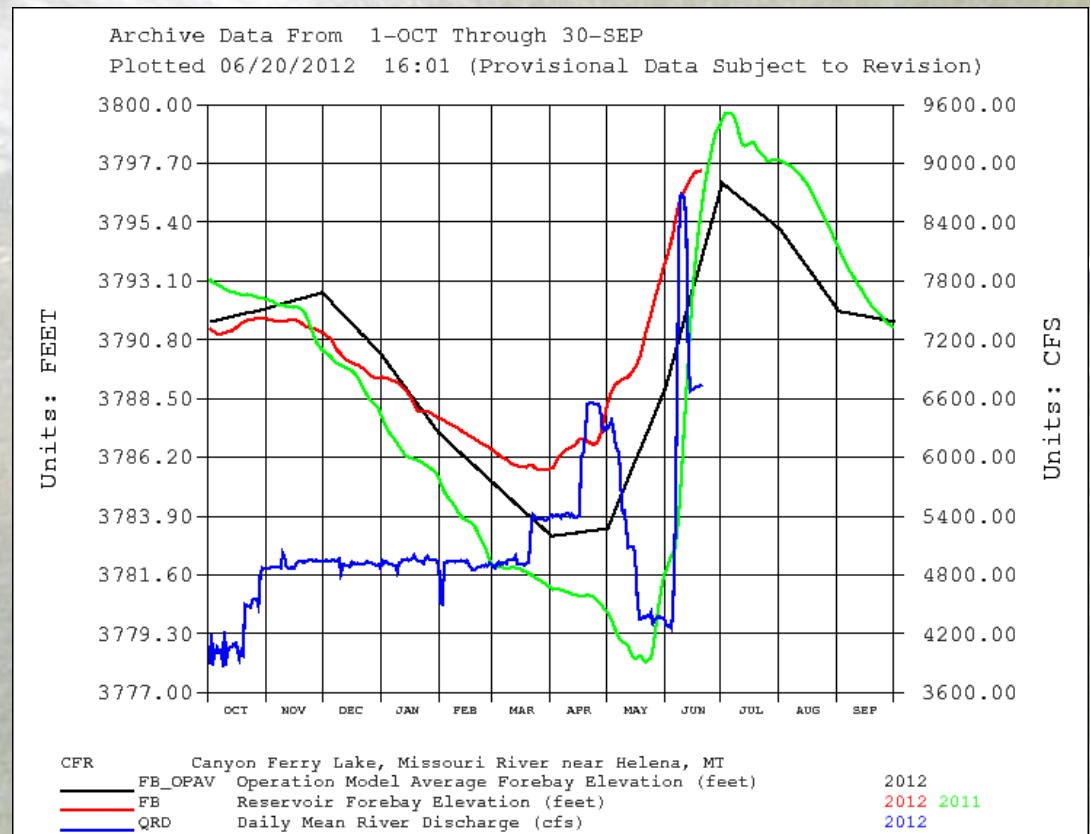
Canyon Ferry Reservoir

Inflows @ 79% of average

Storage @ 106% of average,
101% full, & 1.9 ft higher than
last year

Releases to the Missouri River
are being maintained near
6,750 cfs

Water supply outlook is
favorable for maintaining
releases above 4,100 cfs all
year



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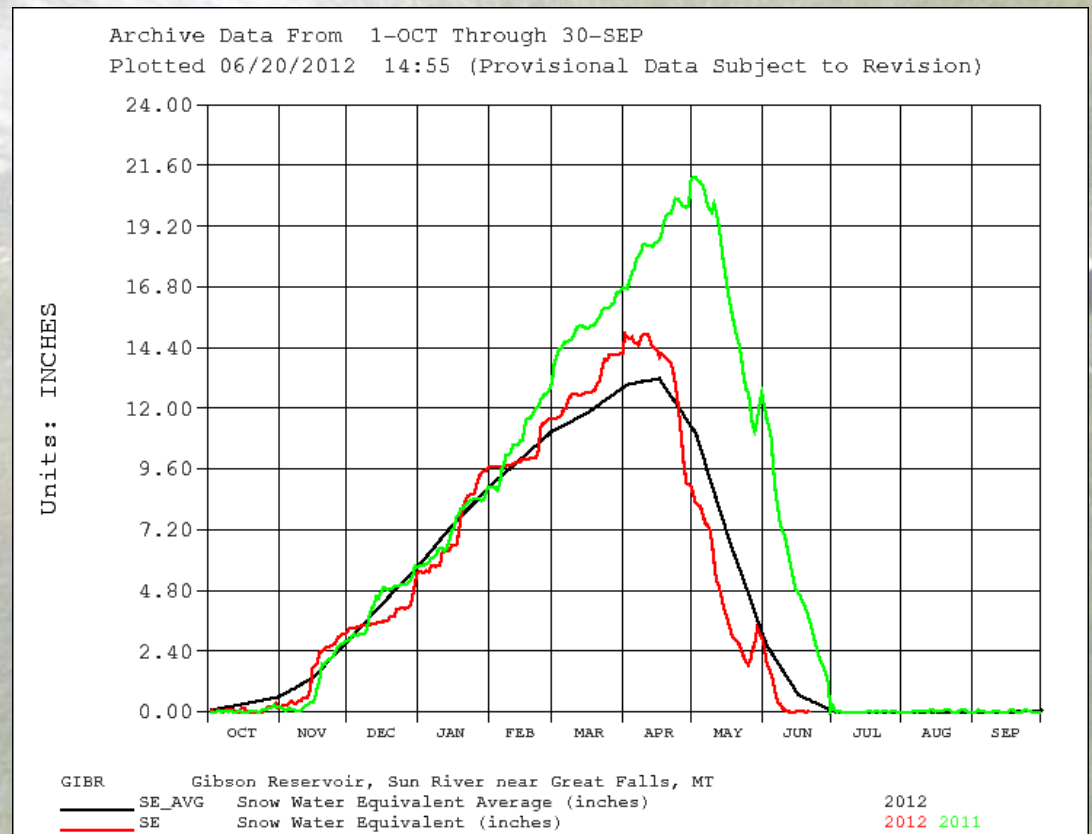
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Gibson Reservoir

Snowpack has melted out



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Gibson Reservoir

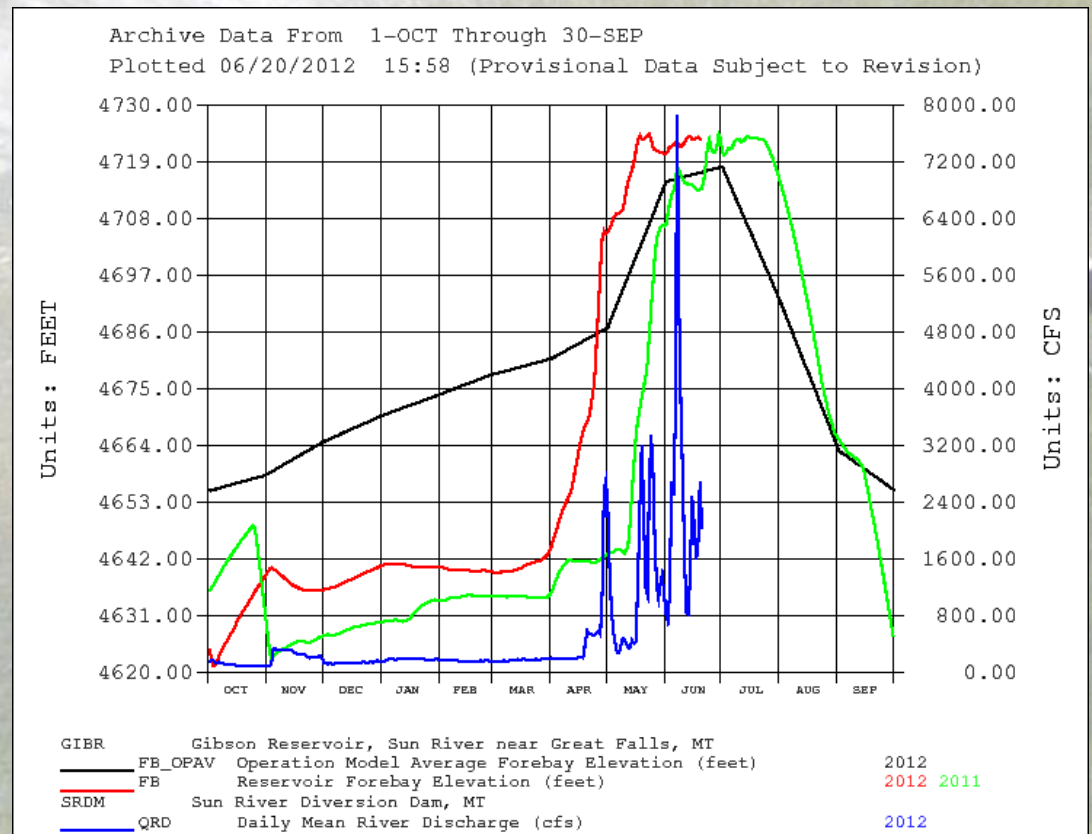
Inflows are 115% of average

Storage @ 109% of average, 99% full, and 9.6 ft or 12,200 af higher than last year

Storages in Willow Creek & Pishkun Reservoirs are 111% & 92% of average for this time of year

Releasing 850 cfs to Sun River

Water supply outlook is favorable for all water users to receive a full water supply this year



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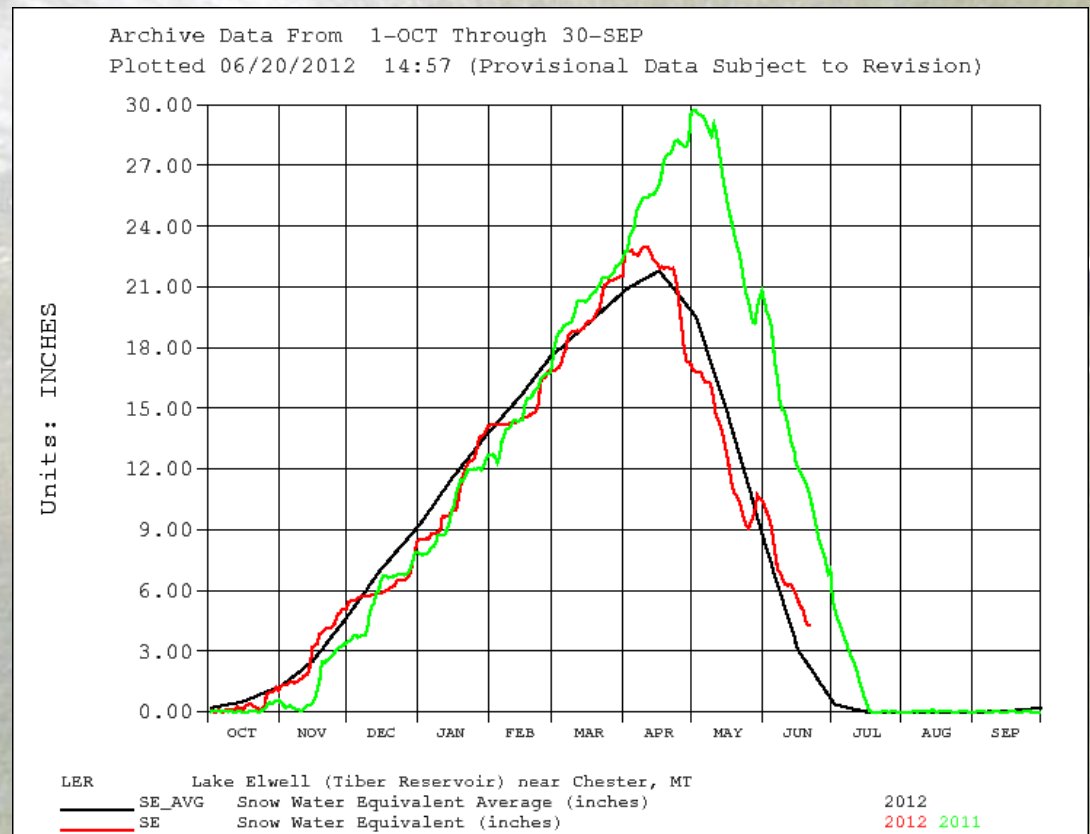
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Tiber Reservoir – Lake Elwell

Snowpack @ above average



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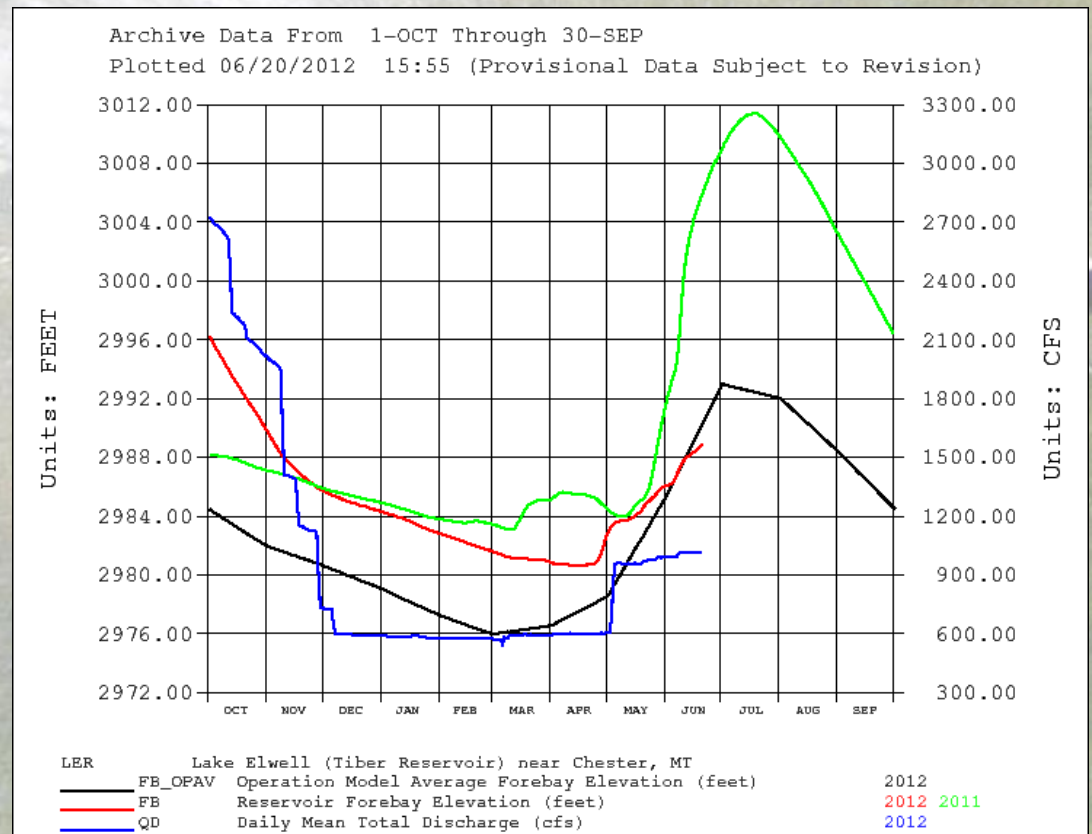
Tiber Reservoir – Lake Elwell

Inflows have increased to over 120% of average

Storage @ 98% of average, 92% full and 16.6 ft lower than last year

Maintaining releases at 1,000 cfs to control the rate of fill & assist with a fishery study

Inflows have been decreasing making it more likely that Tiber Reservoir may not fill completely; however water supply outlook remains good



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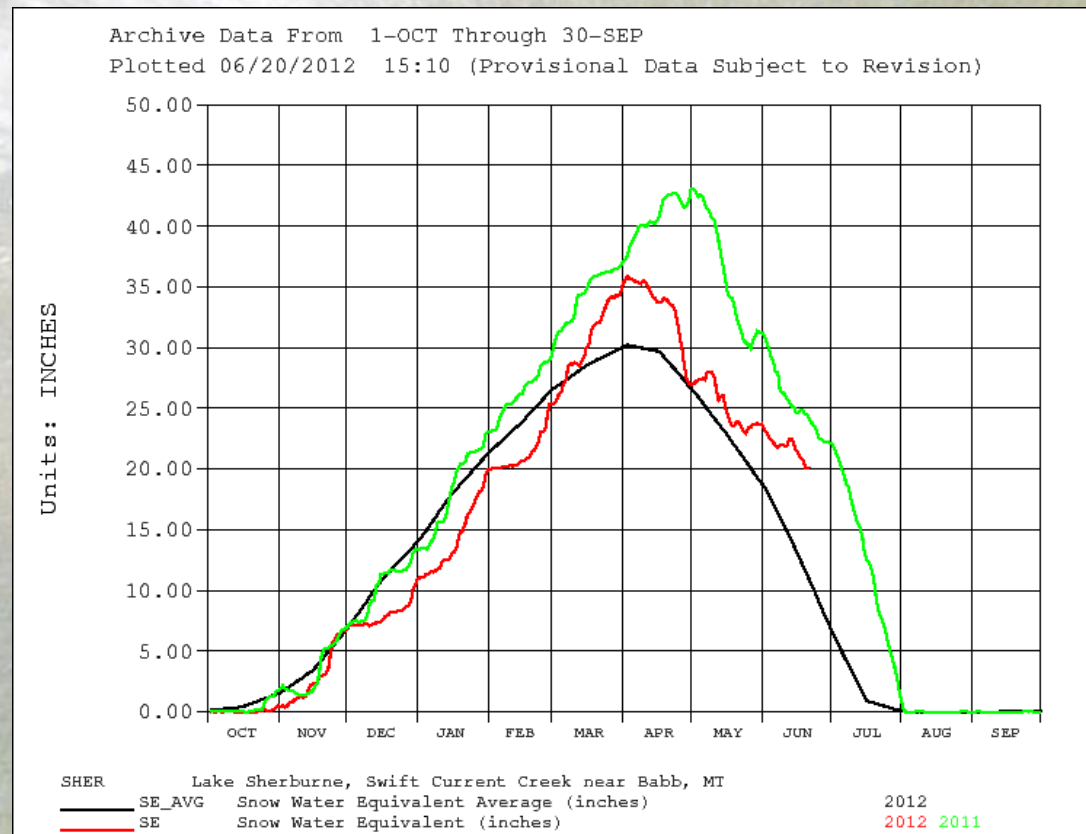
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Lake Sherburne

Snowpack @ above average



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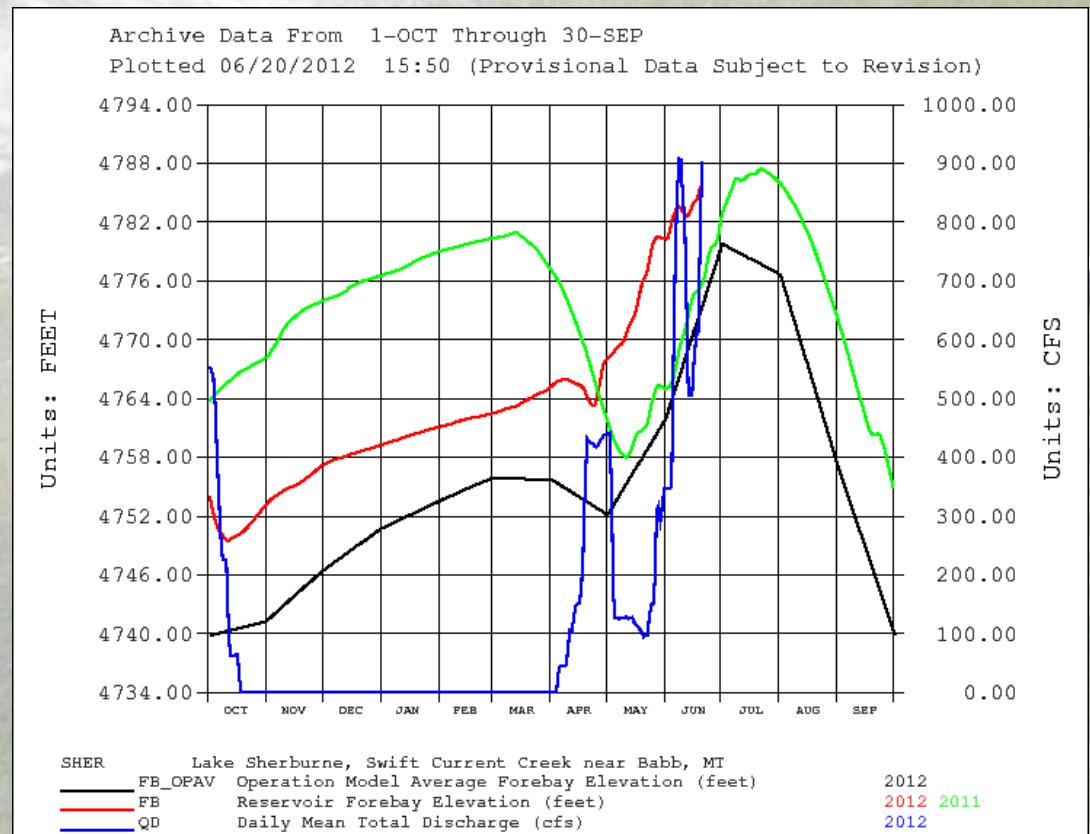
Lake Sherburne

Inflows are about 150% of average

Storage @ 145 percent of average, 94% full, and 10.5 feet or 16,500 af higher than last year

Releases are being maintained at 900 cfs out of Sherburne & diversions to the St. Mary Canal are about 600 cfs

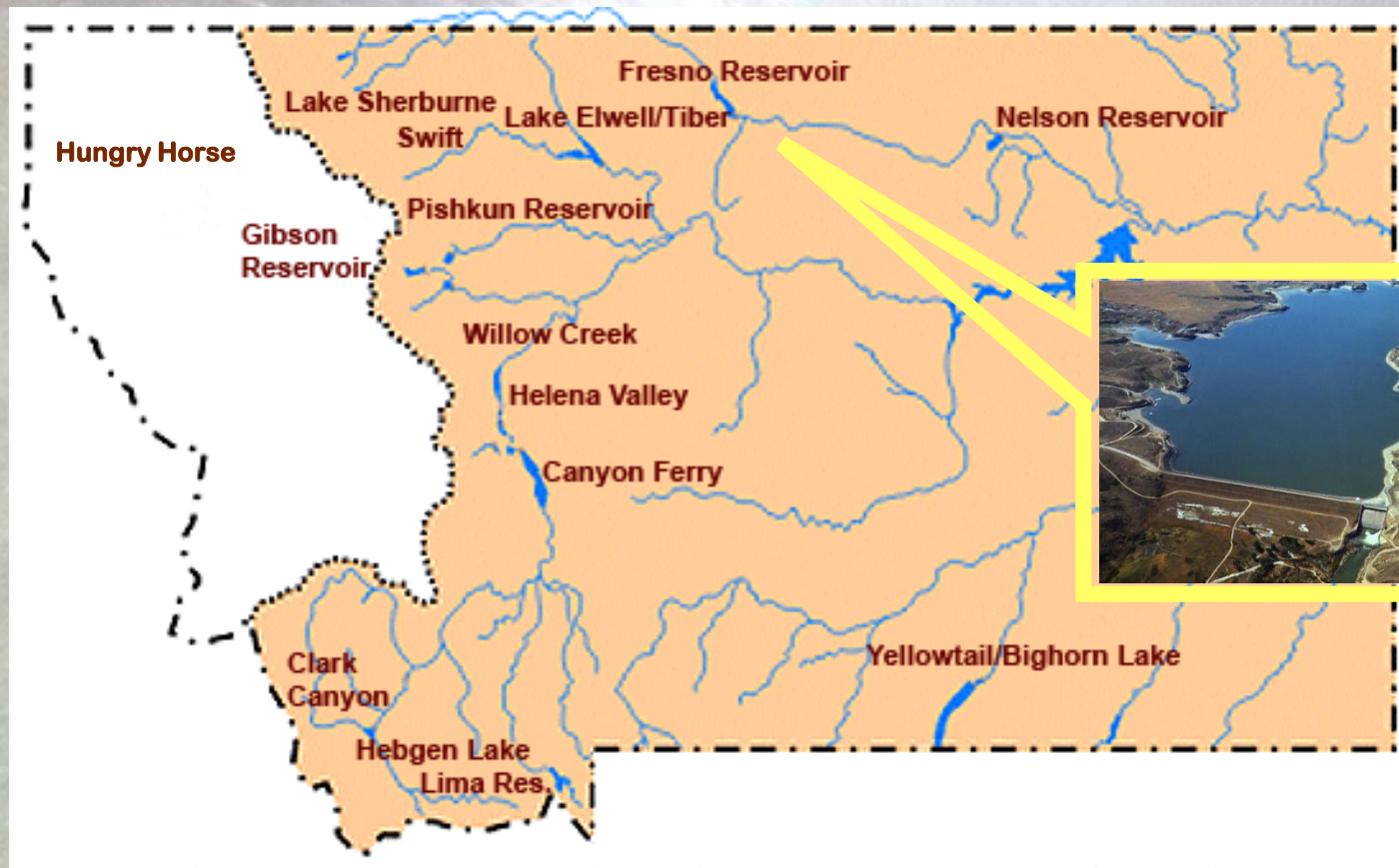
Water supply outlook for Milk River Project is good & all water users are expected to receive a full water supply this year



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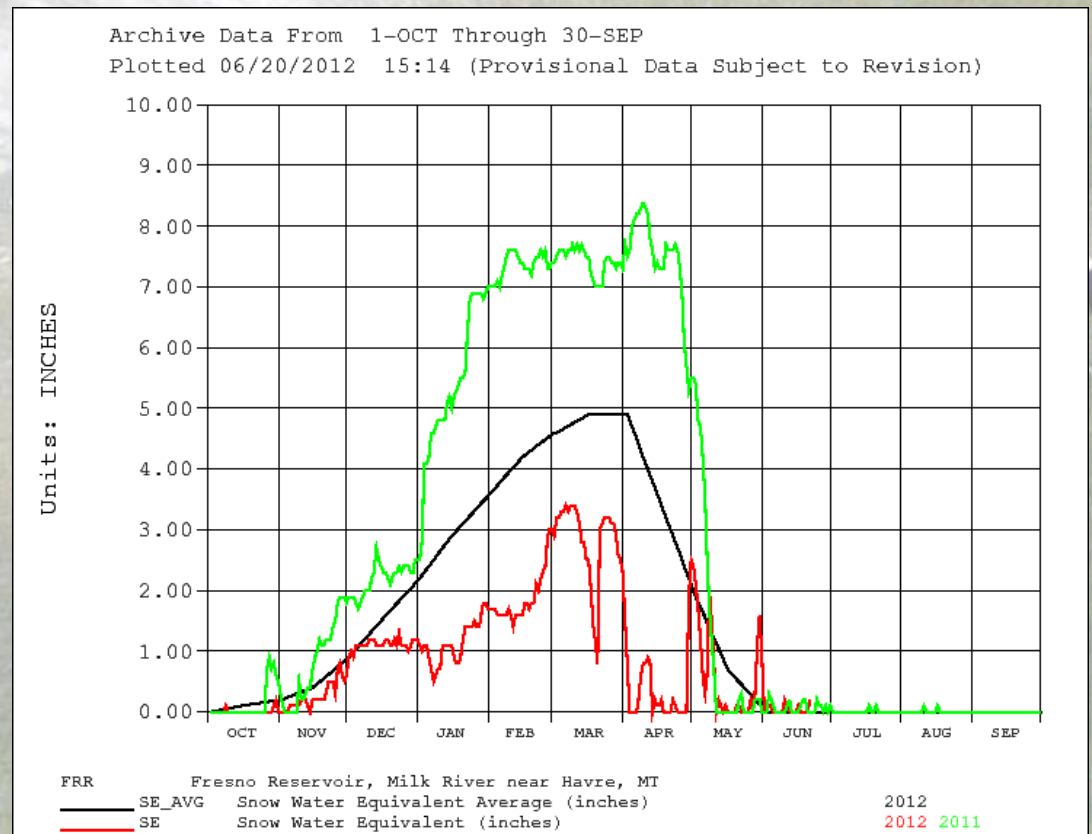
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Fresno Reservoir

Snowpack has melted out



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Fresno Reservoir

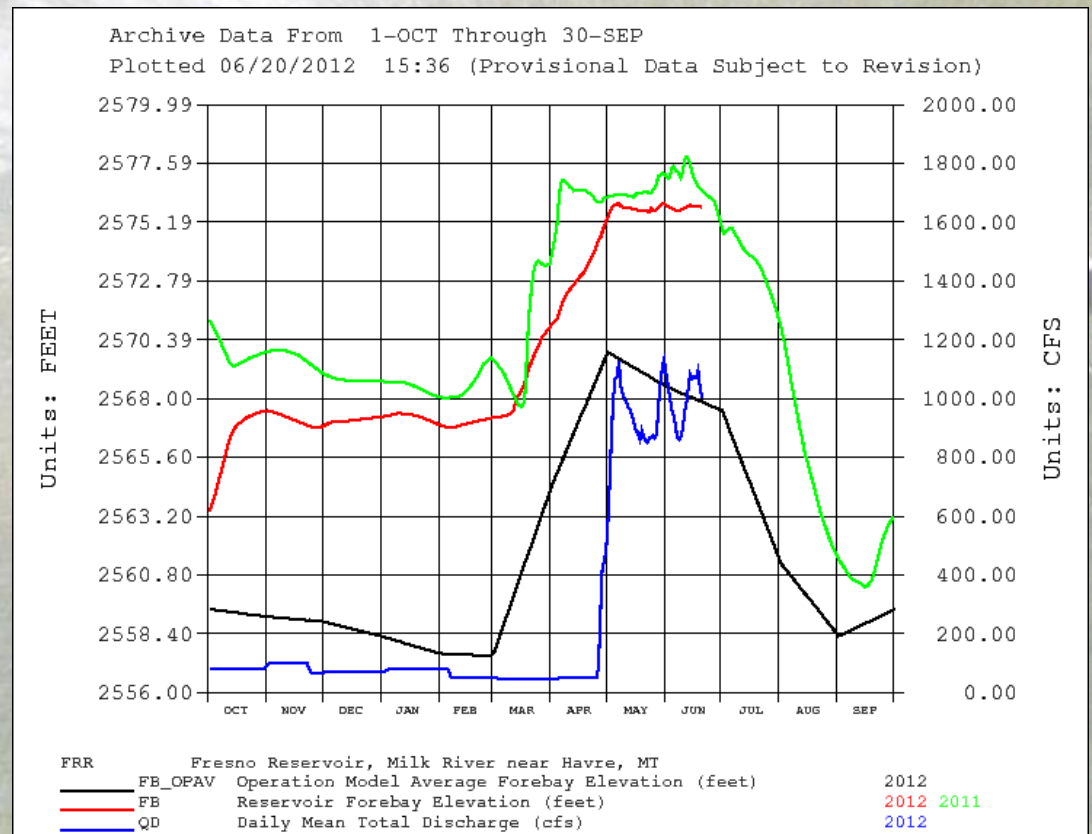
Diversions from St. Mary Basin to Milk River are 600 cfs.

Storage @ 153% of average, 104% full, and 0.7 ft or 4,000 af lower than last year

Currently releasing 1,000 cfs to the Milk River

Storage is expected to slowly drop during June as irrigation demands begin to increase

Water supply outlook is favorable for all water users to receive a full water supply this year



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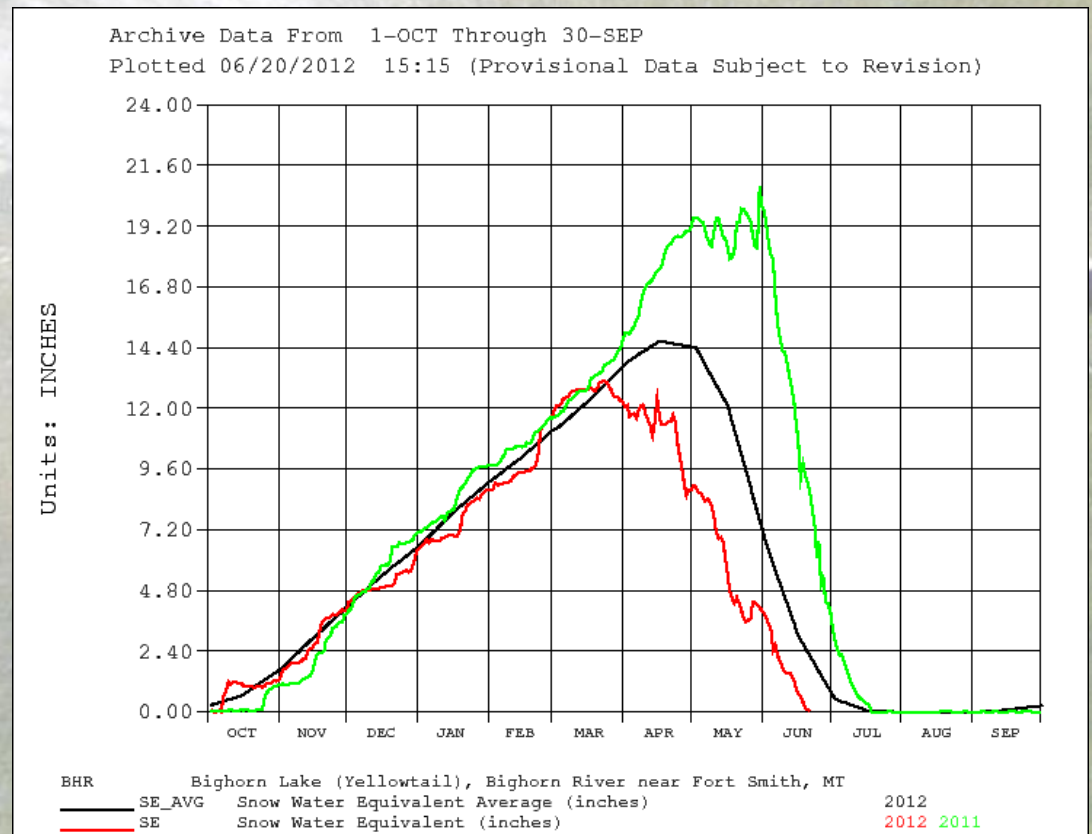
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Bighorn Lake (Yellowtail Reservoir)

Snowpack essentially melted out



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Bighorn Lake (Yellowtail Reservoir)

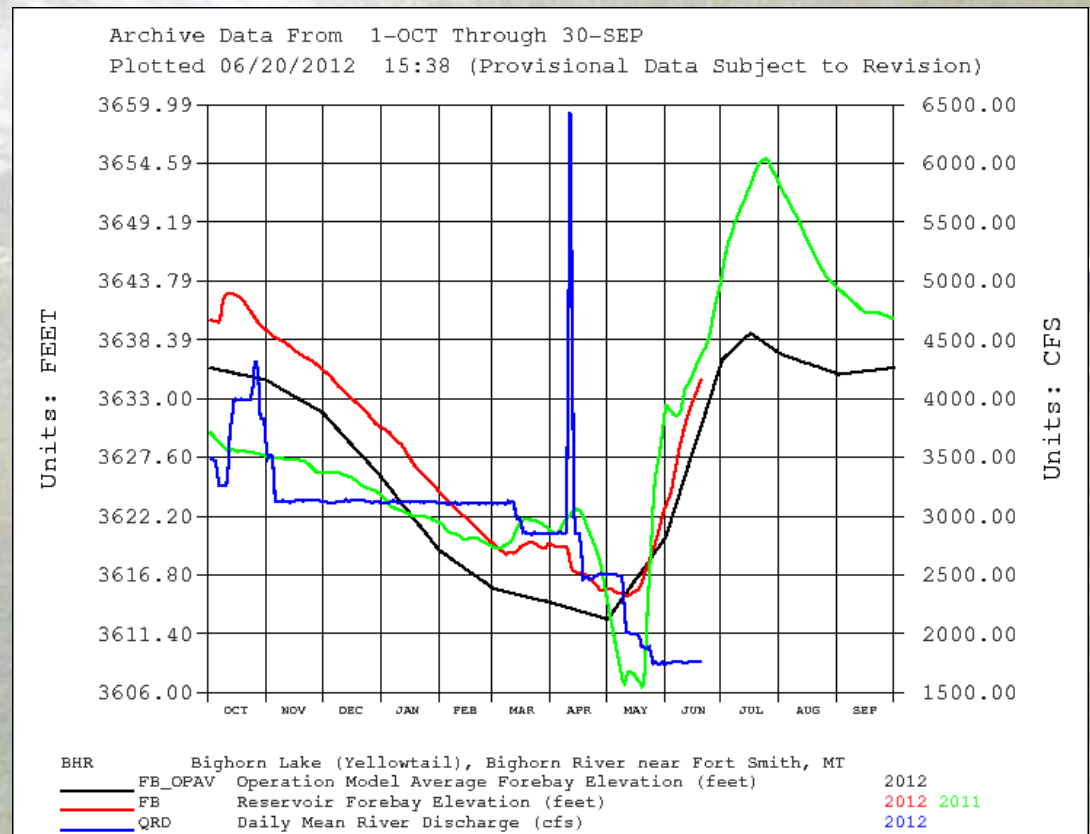
Inflows @ about 50% of average

Storage @ 105% of average, 94% full, and 2.0 feet lower than last year

Releases are being maintained at 1,750 cfs to Bighorn River – canal releases are about 500 cfs

Expect Bighorn Lake to fill to within 4-5 feet of the normal full pool level in early July

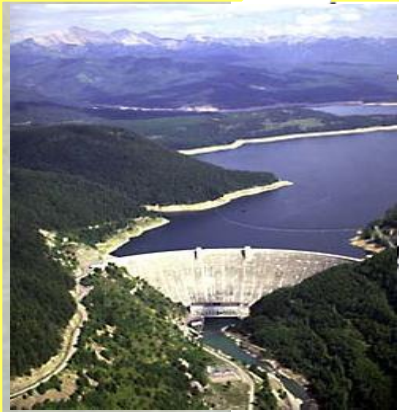
Water supply outlook is favorable for sustaining good fall & winter flows



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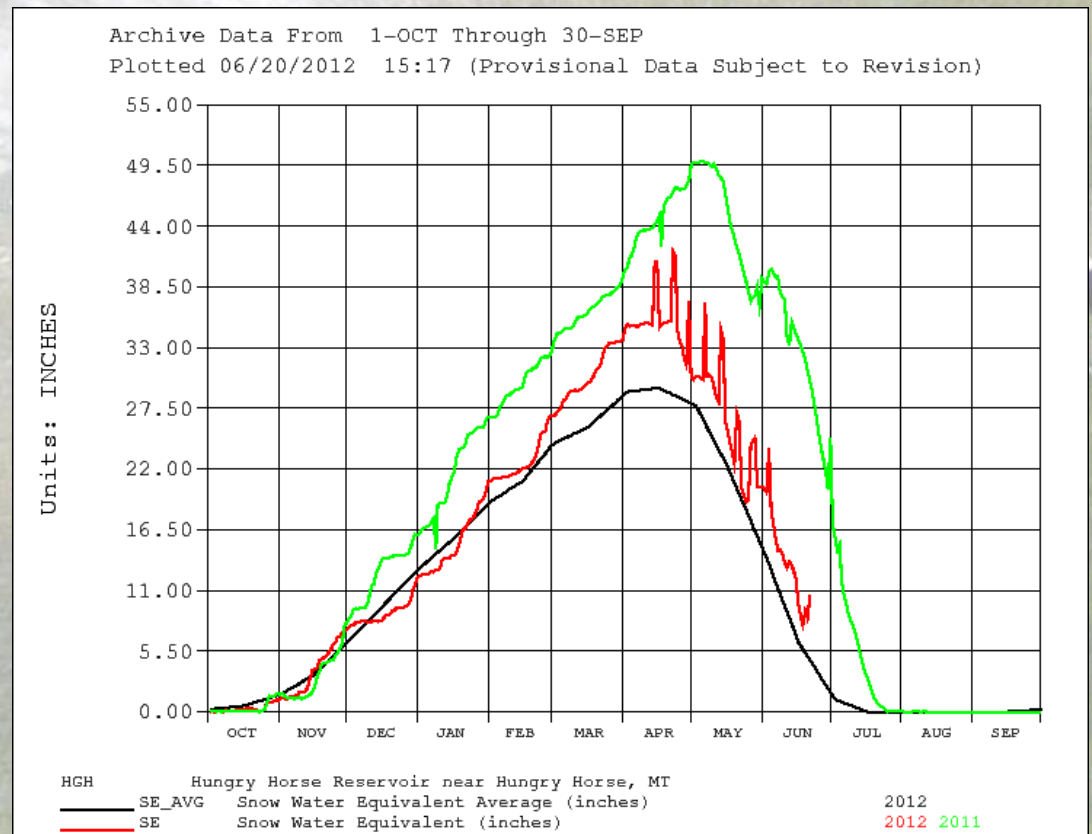
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Hungry Horse Reservoir

Snowpack @ above average



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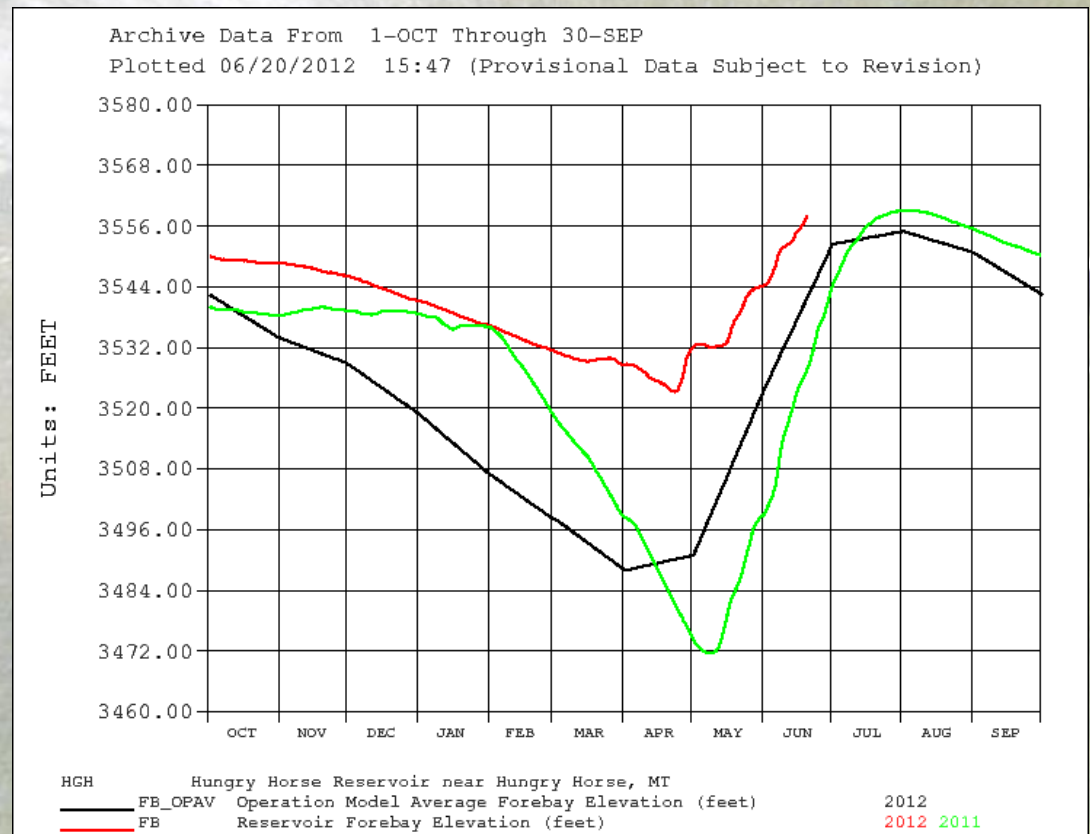
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Hungry Horse Reservoir

Storage @ 130% of average & 99% full and 31.3 feet or 686,800 af higher than last year

Inflows into Hungry Horse are 20,600 cfs and releases are being maintained at 10,500 cfs to the South Fork of the Flathead River

Plans are to maintain high release to control spring snowmelt runoff into Hungry Horse



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BUREAU OF RECLAMATION PROJECTS

Current Conditions - June 20, 2012

Acre-Feet

RESERVOIR NAME	CONTENT KAF	% OF AVG	SNOW WATER CONTENT	% OF AVG	JUNE-JULY KAF FORECAST	% OF AVG
Clark Canyon	141,700	85	1.73	81	24	39
Canyon Ferry	1,906,200	106	1.35	42	763	73
Gibson	95,600	109	0.00	0	249	103
Lake Elwell	853,900	98	4.32	182	228	111
Lake Sherburne	62,500	145	20.10	180	65	105
Fresno Reservoir	96,900	153	0.00	0	21	108
Bighorn Lake	959,200	105	0.90	4	336	47



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Summary of Reservoir Conditions

- Reservoirs are being operated to assure the reservoirs of filling to meet project benefits this year.
- Most reservoirs are near or above normal pool levels for this time of year and have either filled or are expected reach near full pool levels.
- All Reclamation water users should receive full water supply allotments this year.
- At this time, no significant changes in operations at Reclamation reservoirs are anticipated. Reclamation will continue to closely monitor hydrologic and climatic conditions and will be prepared to make the necessary changes as needed.



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Reclamation's Internet Website

<http://www.usbr.gov/gp/water/>

- near real-time data available through the HYDROMET data system
- summaries and plots of historical data
- annual reservoir operating plan publication
- monthly water supply reports
- project data
- snow plots
- links to related internet sites



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